

1. A method for providing a parallel media gateway over a computer network, comprising the steps of:
  - a. establishing and maintaining a server connected to said computer network and accessible by a user for receiving customized request of data streams from the user;
  - b. obtaining data streams requested by said user from a stream server and providing said user with the requested data streams via said computer network;
  - c. implementing a parallel media gateway protocol for adding self provisioning content in real-time to said data streams requested by said user;
  - d. establishing connection with a telephony infrastructure; and
  - e. enabling said user to interact with others through telephony endpoints linked to said telephony infrastructure while retrieving event driven, message oriented data streams via said computer network.
2. The method in accordance with Claim 1, further comprising the step of embedding meta-data tags in real-time into said data streams requested by said user.
3. The method in accordance with Claim 1, further comprising the step of sending meta-data tags in parallel streams.
4. The method in accordance with Claim 1, further comprising the step of encoding said data streams with said self provisioning content in real-time.
5. The method in accordance with Claim 1, further comprising the step of retrieving archived data streams with self-provisioning content from said stream server.
6. The method in accordance with Claim 1, further comprising the step of providing digitized audio signals in parallel to said data streams.

7. The method in accordance with Claim 1, further comprising the step of digitizing said audio signals received from said telephony infrastructure.
8. The method in accordance with Claim 7, further comprising the step of archiving said digitized audio signals for selected playback.
9. The method in accordance with Claim 7, further comprising the step of archiving said digitized audio signals for multiplexed playback.
10. The method in accordance with Claim 1, further comprising the step of providing back channel communication between said user and said stream server for facilitating real-time semantic search of data streams by said user.
11. A method for providing a parallel media gateway over a computer network, comprising the steps of:
- a. establishing and maintaining a server connected to said computer network and accessible by a user at a data endpoint for receiving customized request of data streams from the user;
  - b. obtaining data streams requested by said user from a stream server and providing said user with the requested data streams via said computer network;
  - c. implementing a parallel media gateway protocol for ingesting meta-data tags in real-time into said data streams requested by said user;
  - d. encoding said data streams with self provisioning content in real-time;
  - e. providing back channel communication between said user and said stream server for facilitating real-time semantic search of data streams by said user;
  - f. establishing connection with a telephony infrastructure for receiving telephony audio signals and digitizing said audio signals;
  - g. providing digitized audio signals in parallel to said data streams; and

h. enabling said user to interact with others through telephony endpoints linked to said telephony infrastructure while retrieving event driven, message oriented data streams via said computer network.

12. The method in accordance with Claim 11, further comprising the step of sending meta-data tags in parallel streams.

13. The method in accordance with Claim 11, further comprising the step of retrieving archived data streams with self-provisioning content from said stream server.

14. The method in accordance with Claim 11, further comprising the step of archiving said digitized audio signals for selected playback.

15. The method in accordance with Claim 11, further comprising the step of archiving said digitized audio signals for multiplexed playback.

16. A method for providing a parallel media gateway over a computer network, comprising the steps of:

- a. establishing and maintaining a server connected to said computer network and accessible by a user at a data endpoint for ascertaining user information in real-time and receiving customized request of data streams from the user;
- b. obtaining data streams requested by said user from a stream server connected to said computer network and providing said user with the requested data streams via said computer network;
- c. implementing a parallel media gateway protocol for ingesting meta-data tags in real-time into said data streams requested by said user;
- d. utilizing an encoder for encoding said data streams with self provisioning content in real-time;

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- e. providing back channel communication between said user and said stream server over said computer network for facilitating real-time semantic search of data streams by said user;
- f. establishing connection with a telephony infrastructure through a public exchange service for receiving telephony audio signals, and digitizing said audio signals;
- g. providing digitized audio signals in parallel to said data streams and archiving said digitized audio signals for playback; and
- h. enabling said user to interact with others through telephony endpoints linked to said telephony infrastructure while retrieving event driven, message oriented data streams via said computer network.

- 17. The method in accordance with Claim 16, further comprising the step of sending meta-data tags in parallel streams.
- 18. The method in accordance with Claim 16, further comprising the step of retrieving archived data streams with self-provisioning content from said stream server.
- 19. The method in accordance with Claim 16, wherein said digitized audio signals are archived for selected playback.
- 20. The method in accordance with Claim 17, wherein said digitized audio signals are archived for multiplexed playback.